

Title (en)  
SURGICAL MICRO-RESECTING INSTRUMENT WITH ELECTROCAUTERY FEATURE

Title (de)  
CHIRURGISCHES MIKRO-RESEKTIONSINSTRUMENT MIT ELEKTROKAUTERISATIONSMERKMAL

Title (fr)  
INSTRUMENT CHIRURGICAL DE MICRORESECTION AVEC ELECTROCAUTERE

Publication  
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Application  
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Priority  
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Abstract (en)  
[origin: US2002038122A1] A surgical micro-resecting instrument including an outer tubular member, an inner tubular member, a hub assembly, wiring, and an electrical insulator. The outer tubular member is formed of an electrically conductive material and defines a proximal section, a distal section forming a cutting window, and an internal lumen. The inner tubular member is disposed within the lumen and defines a proximal end and a distal end forming a cutting tip. The hub assembly maintains the outer tubular member and the inner tubular member. The wiring is permanently electrically connected to the proximal section of the outer tubular member with the electrical connection being encompassed by the hub assembly. The electrical insulator covers a region of the outer tubular member distal the hub assembly, at least the cutting window free of the insulator. In one preferred embodiment, the hub assembly includes an outer hub insert molded to the outer tubular member, and forms a generally radially extending shroud.

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